

Par avion.

INSTITUT SEROLOGIQUE DE L'ETAT

Service de Standardisation Biologique

Dans toute communication portant
sur ce sujet prière de rappeler le

No.

Adresse télégraphique: STATSSERUM, Copenhagen.
Téléphone: Central 2835.

OM/AT

Ref.



Air-Mail.

THE STATE SERUM INSTITUTE

Department of Biological Standards

In any further communication on
this subject please quote.

No.

Copenhagen S., 26 October 1954
(Denmark)

Dr. P.R. Edwards,
Communicable Disease Center
Enteric Bacteriology Laboratories,
P. O. Box 185,
Chamblee, Georgia

*Dr. Lederberg
Please comment.
I have been somewhat
disappointed at not having
any word from you regarding
the L,w results
Phil*

Dear Dr. Edwards,

Thank you for writing back about the comments I sent you recently on your transduction data. I have just had a talk with Kauffmann about the principles according to which ~~the~~ antigenic complex is designated phase 1 or phase 2. I have come to a better understanding of the meaning of this nomenclature but I still think that it is dangerous to reason that the l,w-determinants must differ in some way according to whether they represent one or the other phase. I think that the relative position of the "genes" may determine the apparent phase: very schematic one might postulate that the l,w-determinant (or gene) behaves as phase 1 if the complementary gene is to the right of it, and that it behaves as phase 2 if the complementary gene is to the left.

As already mentioned in my first letter I think, however, that you might get much more comprehensive suggestions about this problem from Stocker or Lederberg.

With best regards,

yours sincerely

O. Maaløe

O. Maaløe